



UNDERSTANDING THE ACADEMIC, LANGUAGE, AND BEHAVIORAL DEMANDS OF THE STANDARDS

Madison Metropolitan School District West High School November 1, 2013

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Wisconsin Learning On Demand

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Objectives

Understand how unpacking and repacking standards is situated within Wisconsin's education initiatives

Use the process for unpacking and repacking standards to align learning targets, instruction, and assessments with content, cognitive, language, and behavioral demands of the standards

Understand how the unpacked and repacked standards fit within lesson and unit plan development

Wisconsin's Education Initiatives:
Working Together to Support Student



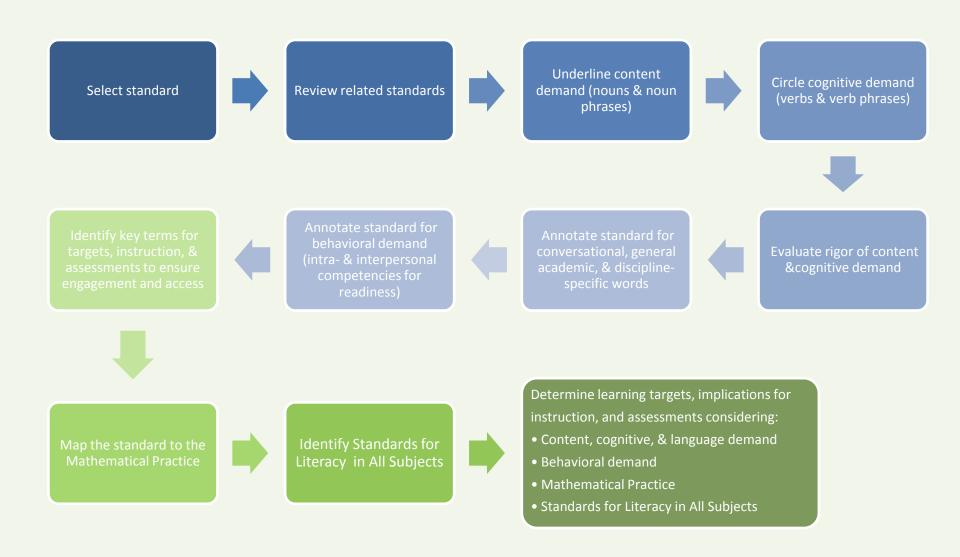


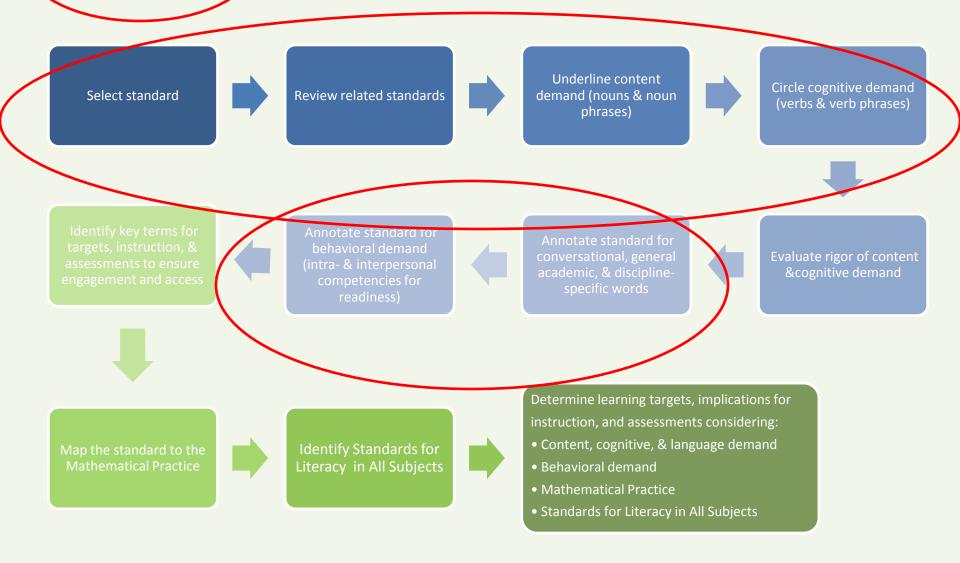
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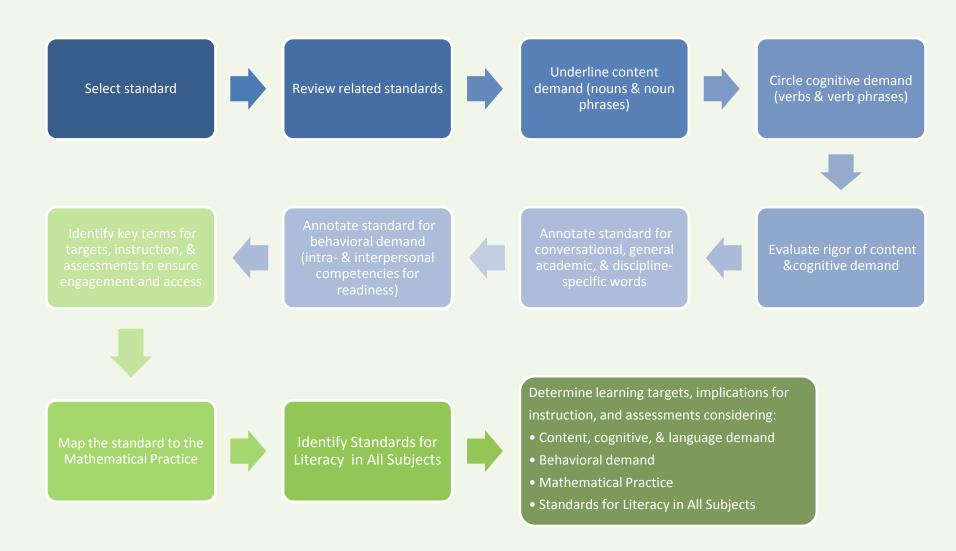
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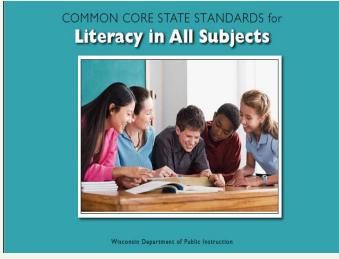


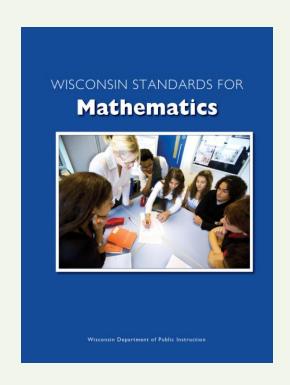




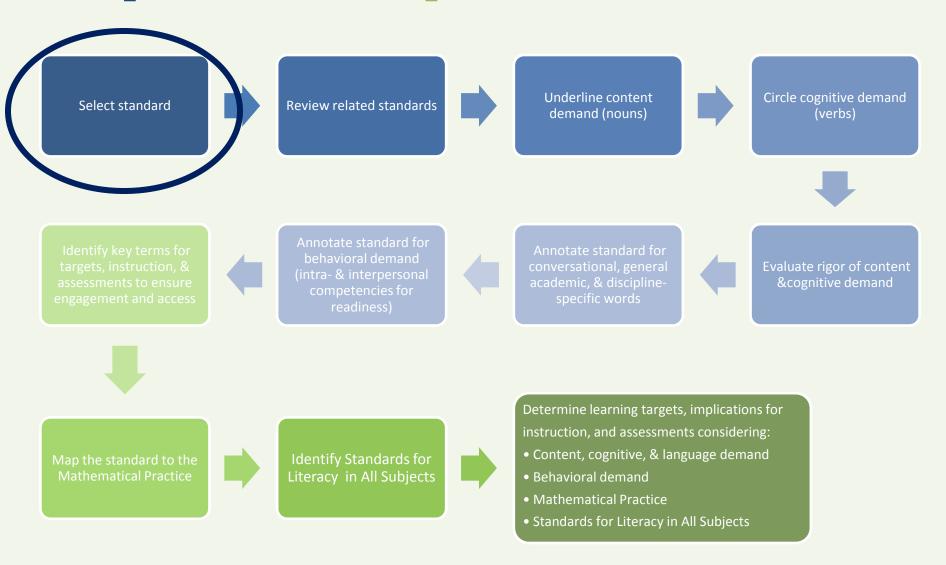
Wisconsin Standards









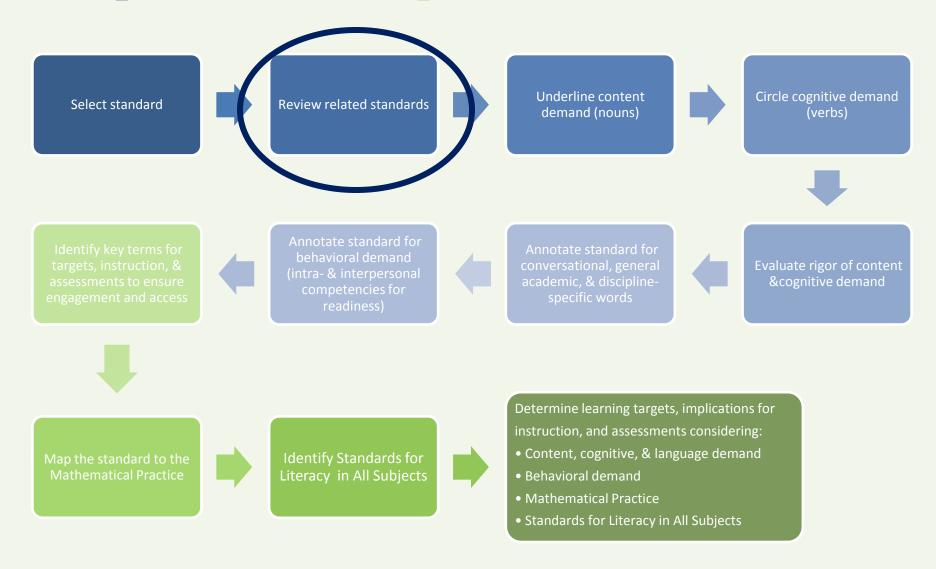


Select the Standard

Select standard

- a. Engage and orient the reader by setting out a problem, situation, or observation, establishing one or multiple point(s) of view, and introducing a narrator and/or characters; create a smooth progression of experiences or events.
- b. Use narrative techniques, such as dialogue, pacing, description, reflection, and multiple plot lines, to develop experiences, events, and/or characters.
- c. Use a variety of techniques to sequence events so that they build on one another to create a coherent whole.
- d. Use precise words and phrases, telling details, and sensory language to convey a vivid picture of the experiences, events, setting, and/or characters.
- e. Provide a conclusion that follows from and reflects on what is experienced, observed, or resolved over the course of the narrative.





Review related standards

Review related standards

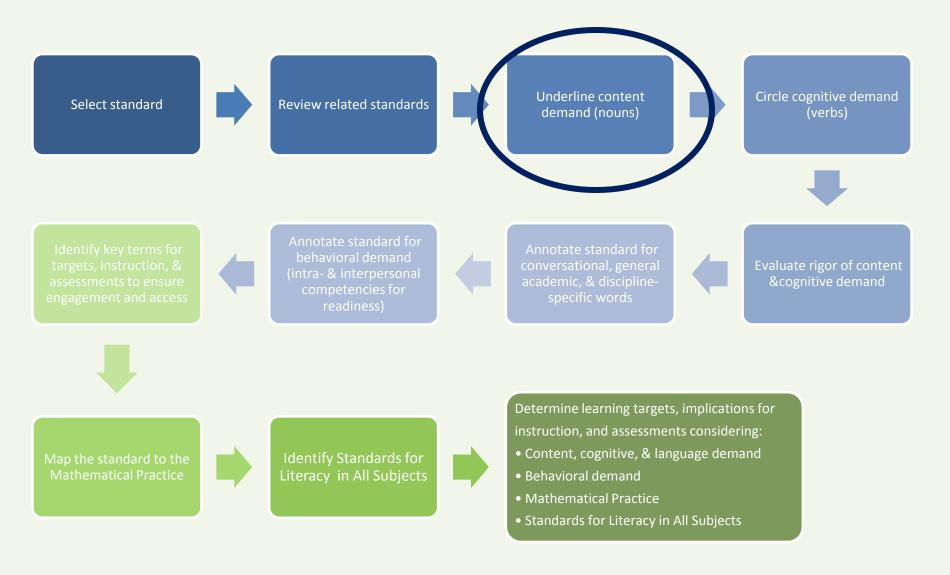
W.8.3 Write narratives to develop real or imagined experiences or events using effective technique, relevant descriptive details, and well-structured event sequences.

- a. Engage and orient the reader by establishing a context and point of view and introducing a narrator and/or characters; organize an event sequence that unfolds naturally and logically.
- b. Use narrative techniques, such as dialogue, pacing, description, and reflection, to develop experiences, events, and/or characters.
- c. Use a variety of transition words, phrases, and clauses to convey sequence, signal shifts from one time frame or setting to another, and show the relationships among experiences and events.
- d. Use precise words and phrases, relevant descriptive details, and sensory language to capture the action and convey experiences and events.
- e. Provide a conclusion that follows from and reflects on the narrated experiences or events.

W.9-10.3 Write narratives to develop real or imagined experiences or events using effective technique, well-chosen details, and well-structured event sequences.

- a. Engage and orient the reader by setting out a problem, situation, or observation, establishing one or multiple point(s) of view, and introducing a narrator and/or characters; create a smooth progression of experiences or events.
- b. Use narrative techniques, such as dialogue, pacing, description, reflection, and multiple plot lines, to develop experiences, events, and/or characters.
- c. Use a variety of techniques to sequence events so that they build on one another to create a coherent whole.
- d. Use precise words and phrases, telling details, and sensory language to convey a vivid picture of the experiences, events, setting, and/or characters.
- e. Provide a conclusion that follows from and reflects on what is experienced, observed, or resolved over the course of the narrative.

- a. Engage and orient the reader by setting out a problem, situation, or observation and its significance, establishing one or multiple point(s) of view, and introducing a narrator and/or characters; create a smooth progression of experiences or events.
- b. Use narrative techniques, such as dialogue, pacing, description, reflection, and multiple plot lines, to develop experiences, events, and/or characters.
- c. Use a variety of techniques to sequence events so that they build on one another to create a coherent whole and build toward a particular tone and outcome (e.g., a sense of mystery, suspense, growth, or resolution).
- d. Use precise words and phrases, telling details, and sensory language to convey a vivid picture of the experiences, events, setting, and/or characters.
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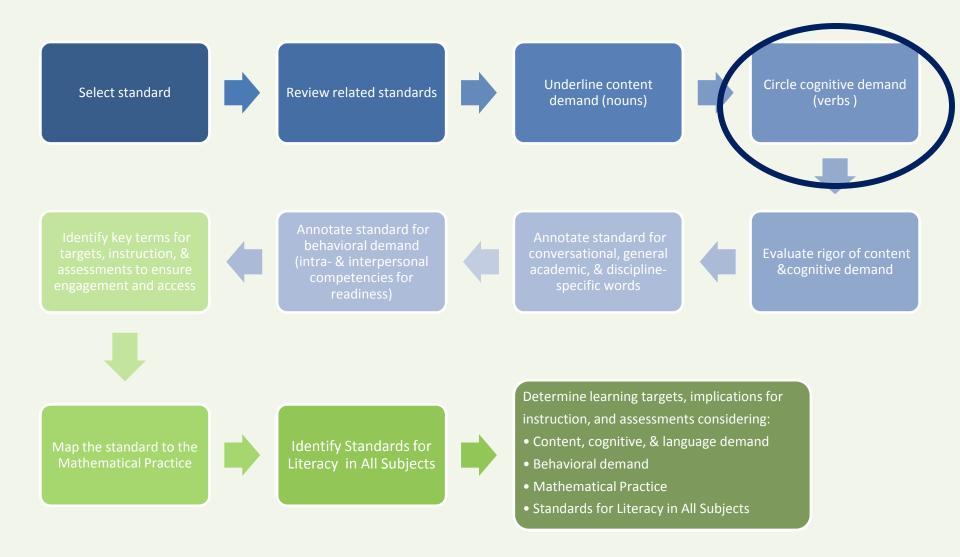
Underline content demand

Underline content demand (nouns)

(nouns)

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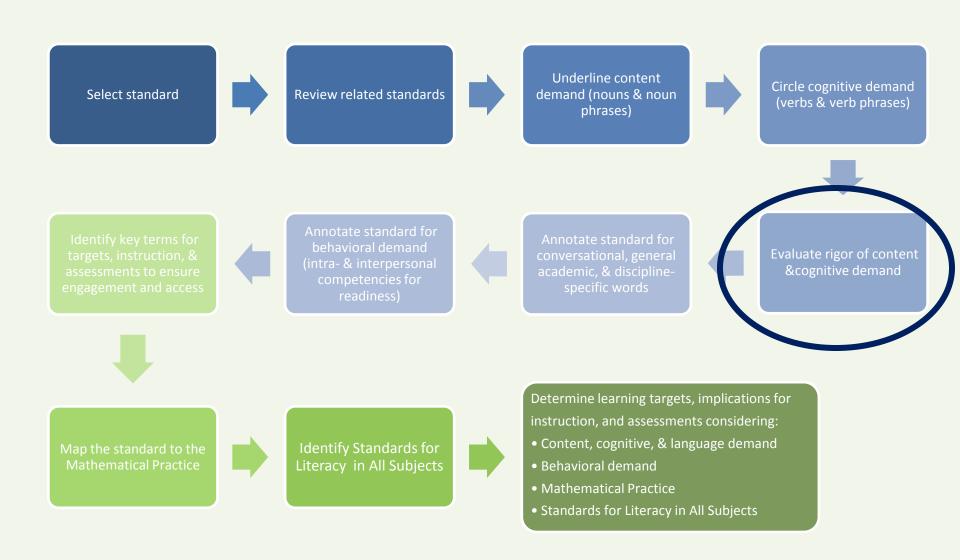
Circle cognitive demand

Circle cognitive demand (verbs)

(verbs)

- W.9-10.3 Write narratives to develop real or imagined experiences or events using effective technique, well-chosen details, and well-structured event sequences.
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Evaluate rigor

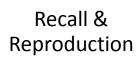
Evaluate rigor of content and cognitive demand

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Revised Bloom's	Webb's DOK Level 1	Webb's DOK Level 2	Webb's DOK Level 3	Webb's DOK Level 4
Taxonomy	Recall & Reproduction	Skills & Concepts	Strategic Thinking/ Reasoning	Extended Thinking
Remember Retrieve knowledge from long- term memory, recognize, recall, locate, identify	Recall, recognize, or locate basic facts, details, events, or ideas explicit in texts Read words orally in connected text with fluency & accuracy	,		
Understand Construct meaning, clarify, paraphrase, represent, translate, illustrate, give examples, classify, categorize, summarize, generalize, infer a logical conclusion), predict, compare/contrast, match like ideas, explain, construct models	Identify or describe literary elements (characters, setting, sequence, etc.) Select appropriate words when intended meaning/definition is clearly evident Describe/explain who, what, where, when, or how Define/describe facts, details, terms, principles Write simple sentences	Specify, explain, show relationships; explain why, cause-effect Give non-examples/examples Summarize results, concepts, ideas Make basic inferences or logical predictions from data or texts Identify main ideas or accurate generalizations of texts Locate information to support explicit-implicit central ideas	Explain, generalize, or connect ideas using supporting evidence (quote, example, text reference) Identify/ make inferences about explicit or implicit themes Describe how word choice, point of view, or bias may affect the readers' interpretation of a text Write multi-paragraph composition for specific purpose, focus, voice, tone, & audience	Explain how concepts or ideas specifically relate to other content domains or concepts Develop generalizations of the results obtained or strategles used and apply them to new problem situations
Apply Carry out or use a procedure in a given situation; carry out (apply to a familiar task), or use (apply) to an unfamiliar task	O Use language structure (pre/suffix) or word relationships (synonym/antonym) to determine meaning of words O Apply rules or resources to edit spelling, grammar, punctuation, conventions, word use O Apply basic formats for documenting sources	O Use context to identify the meaning of words/phrases Obtain and interpret information using text features Develop a text that may be limited to one paragraph Apply simple organizational structures (paragraph, sentence types) in writing	Apply a concept in a new context Revise final draft for meaning or progression of ideas Apply internal consistency of text organization and structure to composing a full composition Apply word choice, point of view, style to impact readers' /viewers' interpretation of a text	Illustrate how multiple themes (historical, geographic, social) may be interrelated Select or devise an approach among many alternatives to research a novel problem
Analyze Break into constituent parts, determine how parts relate, differentiate between relevant- irrelevant, distinguish, focus, select, organize, outline, find coherence, deconstruct (e.g., for bias or point of view)	Identify whether specific information is contained in graphic representations (e.g., map, chart, table, graph, T-chart, diagram) or text features (e.g., headings, subheadings, captions) Decide which text structure is appropriate to audience and purpose	Categorize/compare literary elements, terms, facts/details, events ldentify use of literary devices Analyze format, organization, & internal text structure (signal words, transitions, semantic cues) of different texts Distinguish: relevant-irrelevant information; fact/opinion Identify characteristic text features; distinguish between texts, genres	Analyze information within data sets or texts Analyze interrelationships among concepts, issues, problems Analyze or interpret author's craft (literary devices, viewpoint, or potential bias) to create or critique a text Use reasoning, planning, and evidence to support inferences	Analyze multiple sources of evidence, or multiple works by the same author, or across genres, time periods, themes Analyze complex/abstract themes, perspectives, concepts Gather, analyze, and organize multiple information sources Analyze discourse styles
Evaluate Make judgments based on oriteria, check, detect inconsistencies or failacles, judge, critique			Cite evidence and develop a logical argument for conjectures Describe, compare, and contrast solution methods Verify reasonableness of results Justify or critique conclusions drawn	Evaluate relevancy, accuracy, & completeness of Information from multiple sources Apply understanding in a novel way, provide argument or justification for the application
Create Reorganize elements into new pattems/structures, generate, hypothesize, design, plan, produce	Brainstorm ideas, concepts, problems, or perspectives related to a topic or concept	 Generate conjectures or hypotheses based on observations or prior knowledge and experience 	Synthesize information within one source or text Develop a complex model for a given situation Develop an alternative solution	Synthesize information across multiple sources or texts Articulate a new voice, alternate theme, new knowledge or perspective





- Is there one correct answer?
- Can you recall it, locate it, do it, or you don't know it?

Skills & Concepts

- Is there one correct answer?
- Can you apply one concept, then make a decision before going on applying a second concept?

Strategic Thinking/Reasoning

- Is there more than one solution/approach that requires evidence?
- Do you need to provide supporting evidence and reasoning about the WHY?

Extended Thinking

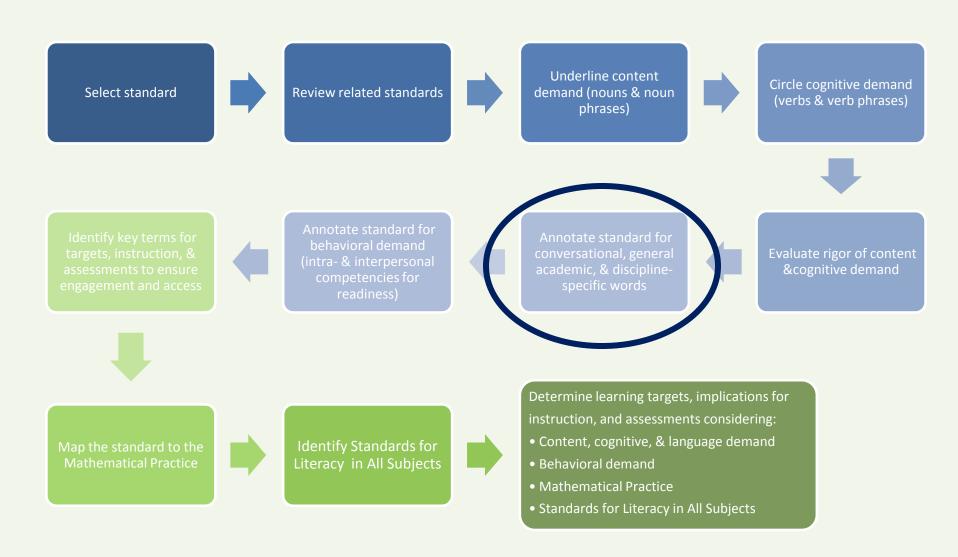
- Is there more than one solution/approach that requires evidence?
- Do you need to provide supporting evidence and reasoning about the WHY?
- Do you need to use multiple sources/data/texts?
- Do you need to apply knowledge to create something new?

Evaluate rigor

Evaluate rigor of content and cognitive demand

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Annotate standard for conversational, general academic, and disciplinespecific words

Annotate standard for words

Conversational Words

 Words that have multiple meanings

General Academic Words

 Words found more often in written texts across disciplines

Discipline Specific Words

 Words found more often in written text within a specific discipline



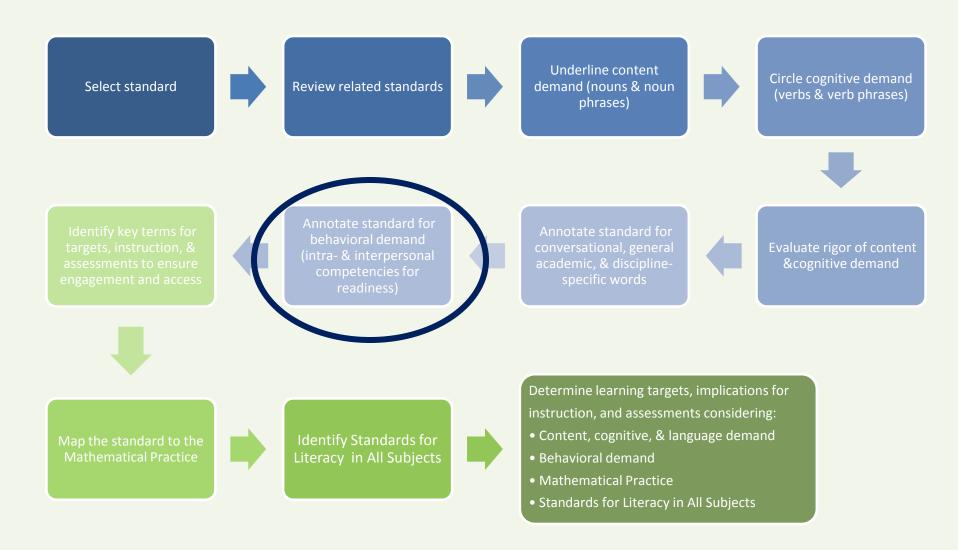
Annotate standard for

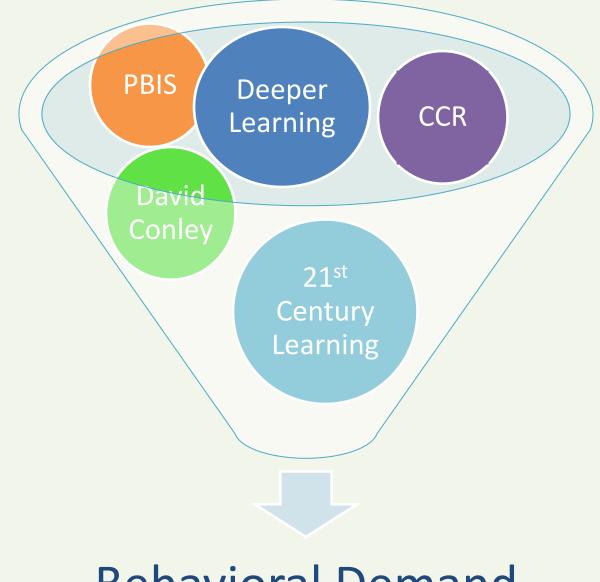
words

for conversational, general academic, and discipline-specific words

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Preparedness



Academics

Readiness



Behaviors



College and Career Ready

The level of achievement a student needs to be ready to enroll and succeed without remediation—in credit-bearing first-year postsecondary courses. And by postsecondary we mean primarily two-year or four-year institutions, trade schools, and technical schools. Today, however, workplace readiness demands the same level of knowledge and skills as college readiness.





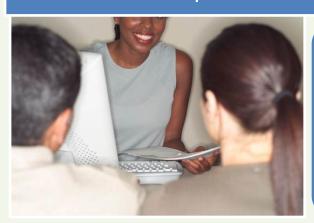
Behavioral Demands

Intrapersonal Competencies



Involve selfmanagement,
including the ability to
regulate one's
behavior and
emotions to reach
goals

Interpersonal Competencies



Involve expressing information to others, as well as interpreting others' messages and responding appropriately



Intrapersonal Competencies



Involves selfmanagement, including the ability to regulate one's behavior and emotions to reach goals

- Adaptability
- Appreciation for diversity
- Artistic & cultural appreciation
- Career orientation
- Citizenship
- Continuous learning
- Flexibility
- Initiative
- Integrity
- Intellectual interest and curiosity
- Metacognition
- Perseverance
- Physical & psychological health
- Productivity
- Reasoning/argumentation
- Responsibility
- Self-evaluation
- Self-monitoring
- Self-reinforcement
- Work ethic/conscientiousness



Interpersonal Competencies



involves expressing information to others, as well as interpreting others' messages and responding appropriately

- Assertive communication
- Collaboration
- Communication
- Conflict resolution
- Cooperation
- Coordination
- Empathy/perspective-taking
- Leadership
- Negotiation
- Responsibility
- Self-presentation
- Service orientation
- Social influence with others
- Teamwork
- Trust



Annotate standard for behavioral demand

Annotate standard for behavioral demand (intra- & interpersonal competencies for readiness)

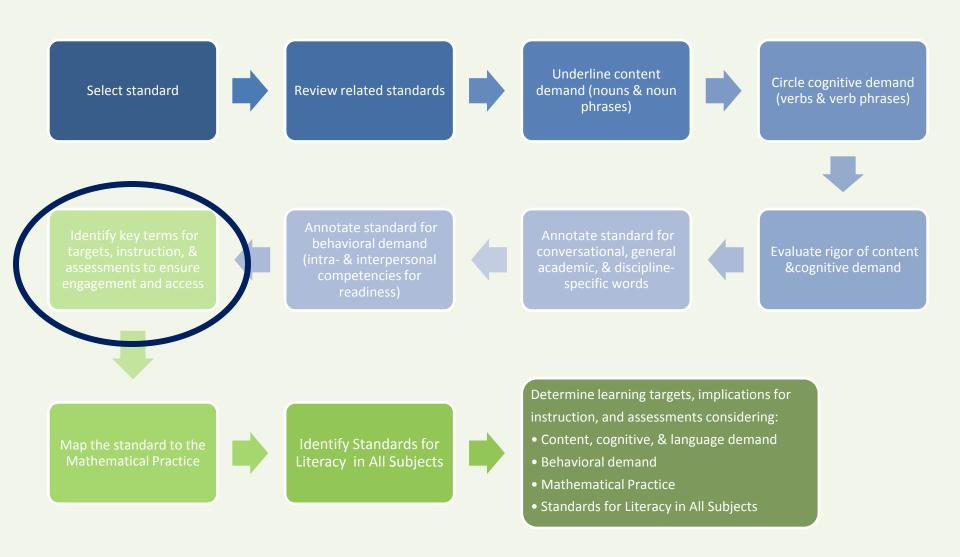
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"Repack" the Standards

Now that we know the demands of the standards, what are the implications for instruction and assessment?





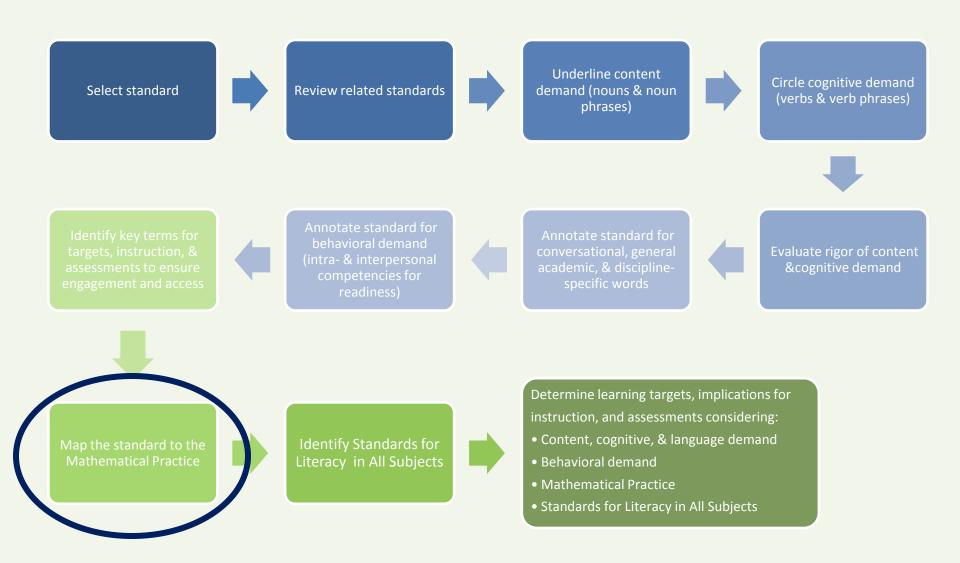
Identify key terms for targets, instruction, and assessment to ensure

Identify key terms for targets, instruction, & assessments to ensure engagement and access

engagement and access

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Two Components of the CCSSM

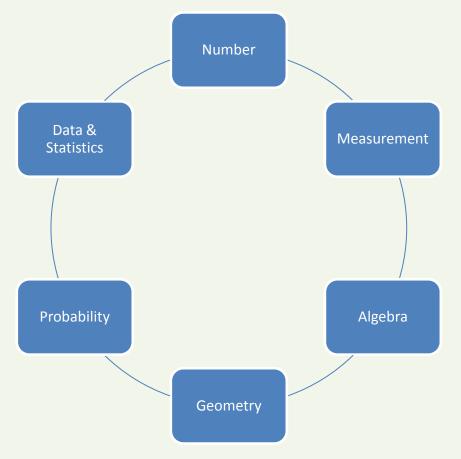
Standards for Mathematical Practice

Standards for Mathematical Content





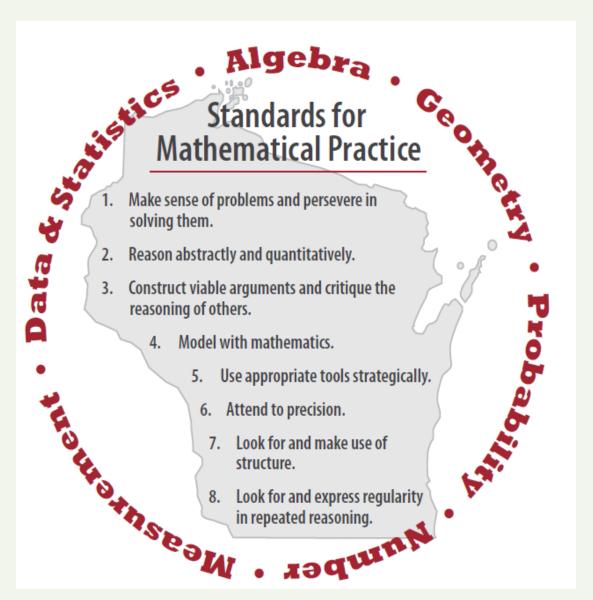




Centering Mathematics in Wisconsin

The Standards for **Mathematical Practice** describe varieties of expertise that mathematics educators at all levels should seek to develop in their students.

Characteristics of Mathematically Proficient Students



Standards for Mathematical Practice

1. Make sense of problems and persevere in solving them

...start by explaining the meaning of a problem and looking for entry points to its solution

2. Reason abstractly and quantitatively ...make sense of quantities and their relationships to problem situations

3. Construct viable arguments and critique the reasoning of others

...understand and use stated assumptions, definitions, and previously established results in constructing arguments



4. Model with mathematics

...can apply the mathematics they know to solve problems arising in everyday life, society, and the workplace

Standards for Mathematical Practice

- 5. Use appropriate tools strategically ... consider the available tools when solving a mathematical problem
- 6. Attend to precision ...communicate precisely using clear definitions and calculate accurately and efficiently
- 7.Look for and make use of structure ...look closely to discern a pattern or structure
- 8.Look for and express regularity in repeated reasoning

...notice if calculations are repeated, and look for both general methods and for shortcuts



"Understanding" standards are the points of intersection between the Standards for Mathematical Content and the Standards for Mathematical Practice"



Map to Standards for

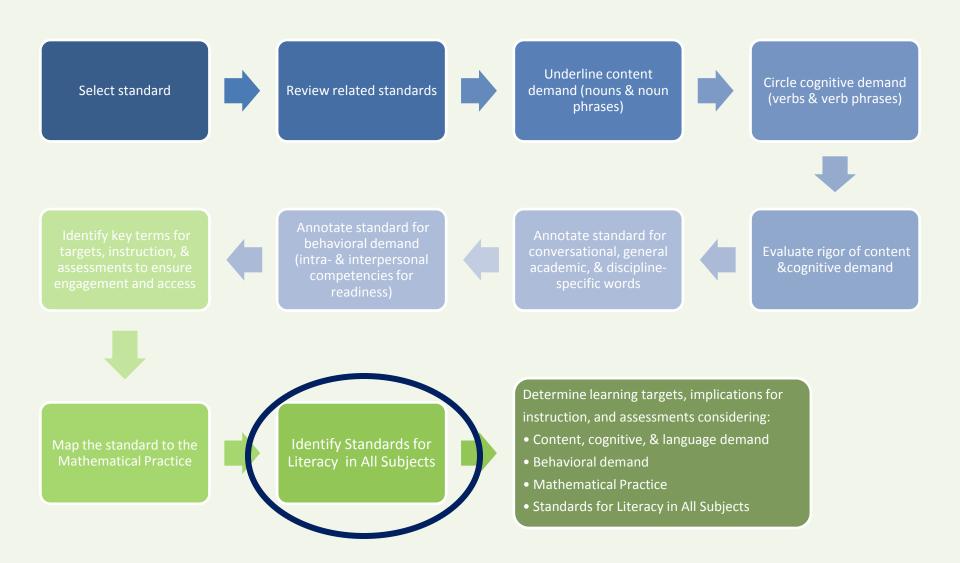
Map the standard to the Mathematical Practice

Mathematical Practices

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Identify Standards for Literacy in All Subjects

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CCSS.MATH.NF. 4.1

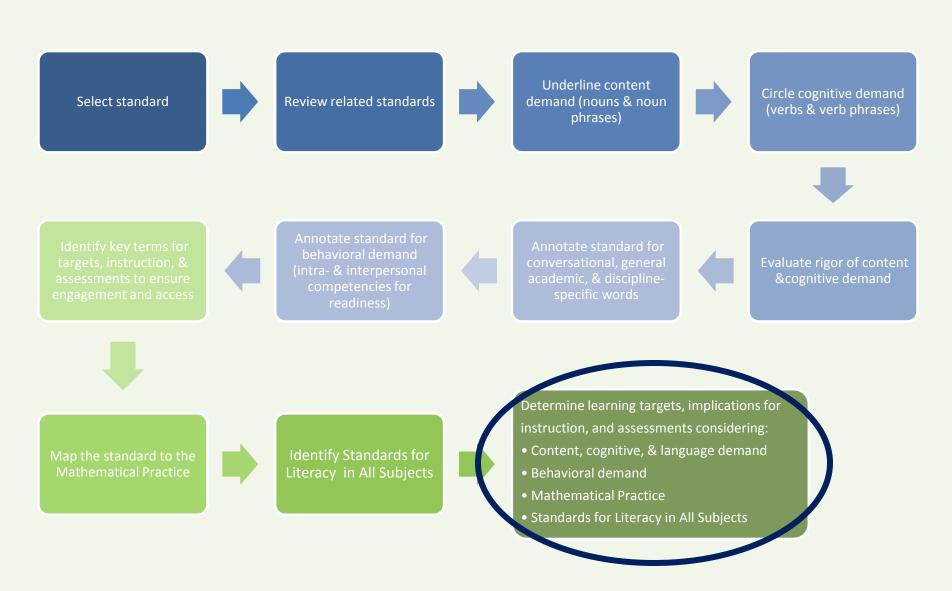
Explain why a fraction a/b is equivalent to a fraction $(n \times a)/(n \times b)$ by using visual fraction models, with attention to how the number and size of the parts differ even though the two fractions themselves are the same size. Use this principle to recognize and generate equivalent fractions.

LITERACY STANDARDS

SL.4.1 Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher led) with diverse partners on *grade 4 topics and texts*, building on others' ideas and expressing their own clearly.
L.4.4.a Determine or clarify the meaning of unknown and multiplemeaning words and phrases based on grade 4 reading and content, choosing flexibly from a range of strategies.

 Use context (e.g., definitions, examples, or restatements in text)
 as a clue to the meaning of a word or phrase.





Write learning targets

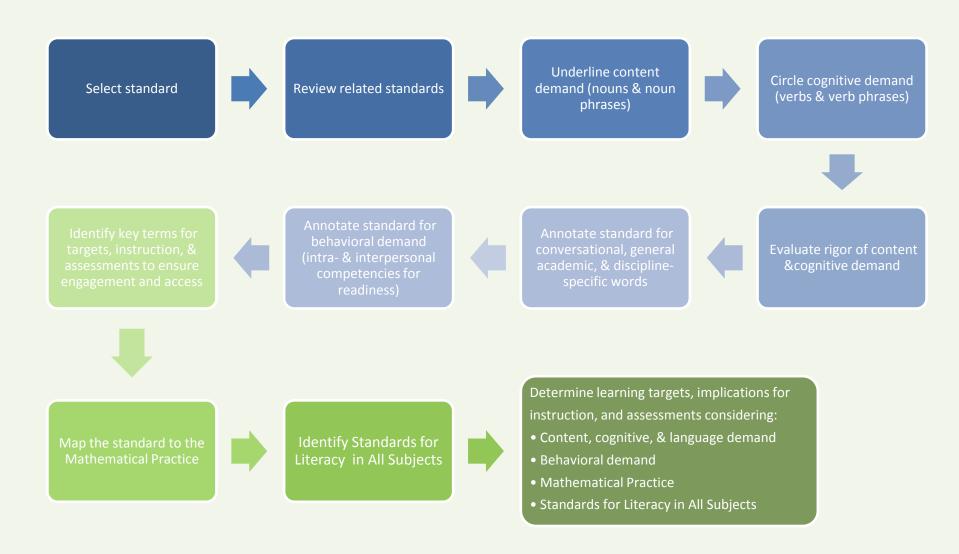
Determine learning targets, implications for instruction, and assessments considering:

- Content, cognitive, & language demand
- Behavioral demand
- Mathematical Practice
- Standards for Literacy in All Subjects

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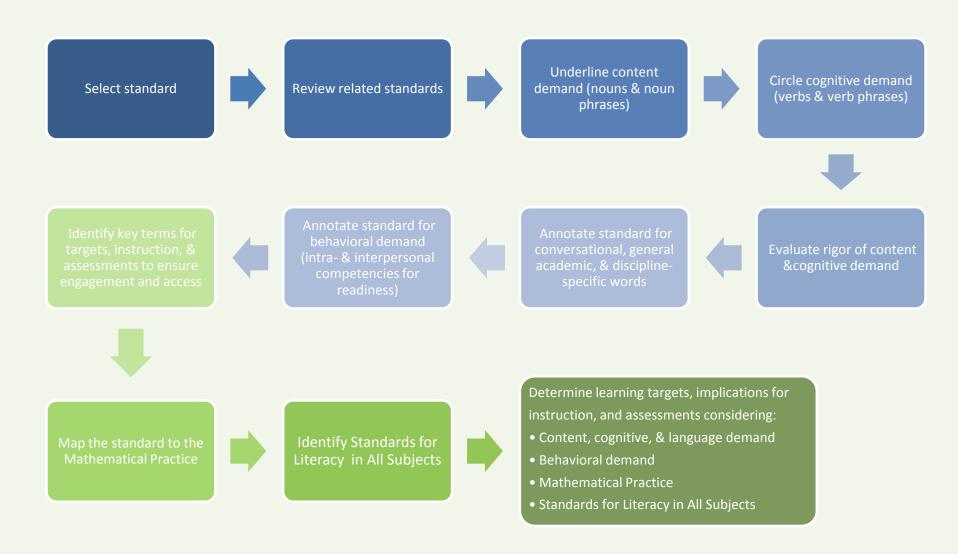
Use the process for unpacking and repacking standards to align learning targets, instruction, and assessments with content, cognitive, language, and behavioral demands of the standards

Understand how the unpacked and repacked standards fit within lesson and unit plan development

Lesson, Unit, and Course Plans

PUBLIC Wisconsin and University curriculum range of le	education initiatives – W rsal Design for Learning, I , high quality instruction, arners within a classroon nce and deepen over time	a process for creatir iscons in Standards, t outlines essential and balanced asse n. A course plan co	urse Plan Ig a plan for a course of instru Rit, Educator Effectiveness, or Components of instructions as ment — which supports the naists of a coherent series of course plan is implemented	ollege and career reading al design — standards-ba diverse learning needs of units where concepts and	ess, common con sed statestandari the	18. 19. 19.				
Unit Name	1.	2.	3.	4.	5.					
Standards Which standards (i.e., content standards, l.heracy Standards for All Subjects, and Standards for Mathematical Practice) will be integrated to deepen learning? Essential Questions What open-ended, grade- level appropriate questions will prompt exploration and creative and critical thinking		ENS edu Des and are	The unit plan template outlines a process for creating unit plans that are consistent with Wisconsin education initiatives - Wisconsin Standards, Rtl. Educator Effectiveness, college and care er readiness, and Universal Design for Learning, it outlines sessential elements of unit design—standards-based curriculum, high quality instruction, and balanced assessment—which supports the diverse learning needs of the range of learners within a classroom. Units are aligned, mapped, and implemented throughout the school and across the district. A unit consists of a coherent series of leasons where concepts and/or skills advance and deepen over time for all students. GENERAL LIFECTION							
about the big ideas?		Gra	de: it Title and Lesson Title:		Class: Sequence: Where does	Length of Lesso				
Assessments How will you use authentic benchmark and/or summative assessment to elicit direct, observable evidence in order to monitor and/or measure student learning of the learning targets and inform		can	UNIT STANDARDS Which standards (i.e., content standards, Literacy Standards for All Subjects, and Standard can be integrated to deepen learning? Think about the content, cognitive, receptive and p college and career readiness demands of the standards.							
instruction?							•	GENERALI	NFORMATION	
DRAFT © February 2013 Wisconsin Depart	tmon t of Public Instruction	Wh	at is/are your learning target		IING TARGET(S) ty look like? How will you o	communicate t	Which standards (i.e., con	STANDARDS tent standards, Literacy Standard on Jeanning? Think about the cor	Sequence: Where does the LESSON is for All Subjects, and Stande	
		Stu	dents will				college and career reading	is domands of the standards.		
			at open-ended, grade-level a big ideas?		L QUESTIONS Il prompt exploration, inno	vation, and crit	What is/are your leaving students will		AND SUC	
							What open-orded, grade- the big ideas?	oval i appropriada questions will	prompt cyploration, innovati	on, and critical thinking about





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Wisconsin Learning On Demand

- Find "Just In Time" information and resources on Twitter
 - @WisDPICCSS
 - @WisDPIMath
 - @WisDPILit
 - @WisDPITech
- More professional learning opportunities
 - http://www.livebinders.com/play/play?id=270532



Contact Information

Tamara Maxwell, ELA Consultant tamara.maxwell@dpi.wi.gov

Resource

Wisconsin DPI Website to access WPLOD:

http://commoncore.dpi.wi.gov/

